

Title (en)
CAMERA LENS

Title (de)
KAMERAOBJEKTIV

Title (fr)
OBJECTIF D'APPAREIL PHOTO

Publication
EP 3244248 B1 20210224 (EN)

Application
EP 15831202 A 20150106

Priority
CN 2015070183 W 20150106

Abstract (en)
[origin: EP3244248A1] Provided is a camera lens, including a first lens, a second lens, a third lens, a fourth lens, a fifth lens, a sixth lens and a seventh lens from an object side to an image side of the camera lens in turn. The first lens is of a positive focal power, an object side surface of the first lens is convex; an object side surface of the fourth lens is concave; the fifth lens is of a positive focal power; the seventh lens is of a negative focal power. The camera lens further includes an aperture stop arranged between a photographed object and the second lens, the camera lens meets the following formula: $TTL/ImgH < 2.4$; $1.5 < CT1/CT2 < 4$. TTL is a total length of the camera lens, ImgH equals to half of a diameter of an effective pixel region at an imaging side surface, CT1 is a central thickness of the first lens, and CT2 is a central thickness of the second lens. The above formulas are satisfied, so that the camera lens of a preferred embodiment of the present disclosure has a bigger field angle (a wide angle), a miniaturization of size and a high imaging quality.

IPC 8 full level
G02B 13/00 (2006.01); **G02B 9/64** (2006.01)

CPC (source: EP US)
G02B 9/64 (2013.01 - EP US); **G02B 13/0045** (2013.01 - EP US); **G02B 13/18** (2013.01 - US)

Cited by
CN110596858A; CN110703416A; TWI636295B

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